

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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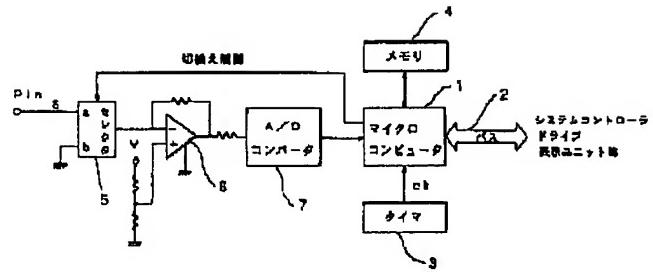
APPLICATION DATE : 05-03-97  
APPLICATION NUMBER : 09050113

APPLICANT : SONY PRECISION TECHNOL INC;

INVENTOR : KANZAKI MASANORI;

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TITLE : TIME CODE GENERATION DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To prevent an erroneous time code from being generated, by discriminating whether or not a supplied signal is a real signal for time code generation, based on the features of a real signal format for time code generation, and generating a time code by decoding a signal discriminated as a real signal for the time code generation.

SOLUTION: A time code generation signal (IRIG-B) takes ten periods of a sine wave of the same period as one bit, and consists of a sine wave of a fixed large amplitude and the following sine waves of a fixed small amplitude. A microcomputer 1 discriminates IRIG-B from whether or not a signal S supplied to an input terminal Pin has two kinds of large and small amplitude levels, constancy of the period and a large amplitude, the number of small amplitudes and their order, etc., and when the microcomputer discriminates the signal as IRIG-B, it generates time code. Thus, it is possible to prevent erroneous time code from being generated, and allow a circuit to be reduced in size, simplified, and generalized.

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